

## A B S T R A C T

The present invention relates to an optical cross-connect unit of multigranular architecture (1000)  
5 including a first stage (100) for switching wavelength bands and including an optical switching matrix for switching wavelength bands, demultiplexing and multiplexer means (10 to 20') for demultiplexing and multiplexing wavelength bands, a second stage (200) for  
10 switching wavelengths and including a switching matrix for switching wavelengths, and demultiplexing and multiplexer means (30 to 60') for demultiplexing and multiplexing wavelengths. The first matrix of the invention includes a series of first optical switching  
15 submatrices (1, 2) disposed in parallel and the second matrix of the invention includes a series of second switching submatrices (3, 4) disposed in parallel.